



# Challenging Bias in Big Data user for AI and Machine Learning

Welcome back to the CHARLIE project newsletter!

In our last update, we introduced you to the project's objectives: fostering awareness and equipping individuals with the skills to navigate the world of Artificial Intelligence ethically. We are excited to share our progress in the activities and tools we are developing and give you a glimpse of what is coming!

## “Artificial Intelligence and Academic Integrity” Webinar



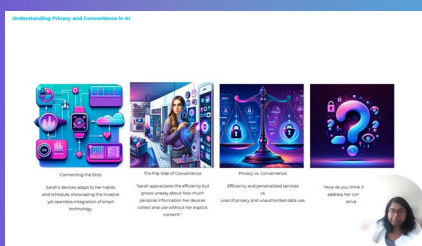
Did you happen to catch our webinar? November 16th 2023, UIB, represented by Rubén Comas Forgas, hosted an international event titled "Artificial Intelligence and Academic Integrity", led by Mgr. Tomáš Foltýnek, Ph.D from Masaryk University. An engaging exploration on the potential of AI in education, and its crucial ethical considerations. If you missed it, don't worry - the recording will be available soon on the CHARLIE YouTube channel – stay tuned!

## Ethical AI Education - Building the Toolkit

Now, let's have a look at our educational resources that are about to be deployed! These online tools are designed to equip learners with the knowledge and skills to navigate the evolving world of AI responsibly.

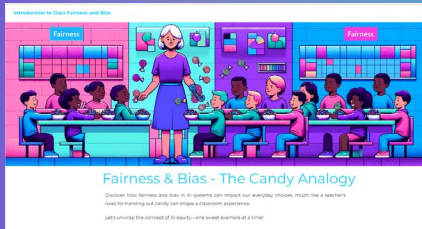
### ■ b-Learning "Algorithmic Bias" course (EQF6)

This online course covers algorithmic bias in big data for AI and machine learning, designed for higher education students. It addresses the challenges and potential solutions in this critical area.



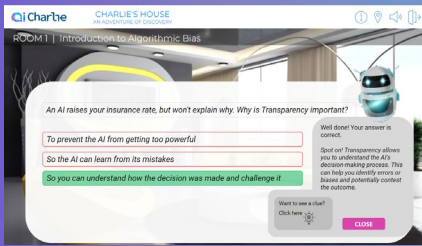
### ■ "Ethical AI microcredential" (EQF4)

Are you involved in a field influenced by AI? This microcredential is ideal for adult learners looking to enhance their skills in ethical AI practices. It provides the knowledge to evaluate AI critically and help shape a more responsible technological future.



### ■ Online Serious Game (EQF2)

Planting the seeds of critical thinking early on, this interactive online game introduces young learners to the concept of AI bias in a fun and accessible way.



**These resources are currently under development and will be available soon.**  
**Stay tuned for the official launch date in our next newsletter!**

## What's next? Bridging the Gap Between Education and Action!

The next stage will bring our CHARLIE resources from blueprint to reality! Get ready for a dynamic rollout that empowers educators and ignites young minds. Here's a taste of what's to come:

### Interactive Workshops for Educators:

We will develop engaging workshops that equip teachers with the skills to seamlessly integrate ethical AI education into their curriculum. These workshops will leverage the "Ethical AI" microcredential (EQF4) as a foundational resource, providing educators with the necessary depth of knowledge.

### Online Communities for Knowledge Exchange:

Imagine a vibrant online space where educators from different regions can share best practices, troubleshoot challenges, and collaborate on innovative approaches to ethical AI education. CHARLIE's next stage will establish these communities, fostering a network of support and continuous learning.

### Supporting Upskilling for All:

To complement the learning resources, WP4 will create a comprehensive Toolkit for Adults and Youth. This toolkit will equip teachers and mentors with the tools they need to effectively support adult learners taking the microcredential and guide young participants through the serious game.

### Recognition for Lifelong Learning:

The "Policy recommendation for recognition of microcredential in HE" will pave the way for future integration of the "Ethical AI" microcredential into higher education pathways. This ensures that the skills and knowledge gained through lifelong learning are valued and recognized within the academic landscape.

**This is just a glimpse into the exciting initiatives ahead. Stay tuned for the full mission briefing in our next update!**

## Get involved!

Excited about the future of ethical AI education? Check our website and follow our social media channels to stay updated on the official launch of our resources and upcoming opportunities to get involved. We'll also be sharing insights and news from the world of AI ethics, so stay tuned!

Together, let's build a future where AI serves the greater good!

<https://charlie-project.uib.es/>

